

IN THE CLAIMS

Please cancel claim 1.

A complete listing of all claims in this application is set forth below. This listing of claims replaces all prior versions, and listings, of claims in this application.

1. (Canceled).

2. (Previously presented) A fan assembly, comprising:

a motor;

a motor housing defining an interior space, said motor being positioned within said interior space; and

a fan blade having a first end portion being positioned in direct contact with a portion of said motor housing;

a stabilizer extending from said motor housing and configured to stabilize the rotating weight of the blade upon rotation of the fan;

wherein said stabilizer extends from the fan blade and is positioned in direct contact with said motor housing, and

wherein said motor is operable to rotate in unison (i) said portion of said motor housing, (ii) said fan blade, and (iii) said stabilizer.

3. (Previously presented) The fan assembly of Claim 2 wherein the fan blade is positioned in direct contact with an outer surface of the motor housing.

4. (Previously presented) The fan assembly of Claim 2 wherein the blade further comprises:

an elongated arcuate body having a hollow end with an opening; and
a blade end positioned opposite the hollow end.

5. (Previously presented) The fan assembly of Claim 4 wherein the hollow end of the elongate arcuate body extends from generally opposing sides of the motor housing.

6. (Previously presented) The fan assembly of Claim 4 further comprising a cover configured to cover the opening.

7. (Previously presented) The fan assembly of Claim 5 wherein the fan blade has a leading edge and a trailing edge, and wherein the fan blade progressively tapers from the leading edge to the trailing edge.

8. (Previously presented) The fan assembly of Claim 6 wherein the fan blade has a leading edge and a trailing edge, and wherein the fan blade progressively tapers from the leading edge to the trailing edge.

9. (Previously presented) A blade mounting arrangement for a ceiling fan of the type that includes a downrod for supporting the fan from the ceiling, a motor, a motor housing in which the motor is positioned, a shaft coupled to the motor for turning the shaft about the shaft's longitudinal axis, and fan blades mounted for rotation to the fan at spaced positions circumscribing the shaft, wherein, upon rotation, the blades define a circle of rotation, and the fan achieves a center of rotational gravity that lies on the shaft's longitudinal axis as a result, the blade mounting arrangement comprising:

a first fan blade directly attached to said motor housing and extending in one semicircle of rotation, wherein upon rotation of the first fan blade, a center of rotational gravity is produced which lies outside the shaft's longitudinal axis.

10. (Previously presented) The blade mounting arrangement of Claim 9 further comprising a stabilizing structure extending from the motor housing, wherein the stabilizing structure stabilizes the rotating weight of the first fan blade upon rotation of the fan blade and stabilizing structure such that the center of rotational gravity of the fan blade and stabilizing structure is coincident with the longitudinal axis of the shaft.

11. (Previously presented) The blade mounting arrangement of Claim 10 further comprising a second fan blade directly attached to said motor housing and arranged in the one semicircle of rotation, wherein the stabilizing structure stabilizes the rotating weight of the first and the second fan blades upon rotation of the first fan blade, the second fan blade, and the stabilizing structure such that the center of rotational gravity of the first fan blade, the second fan blade, and the stabilizing structure is coincident with the longitudinal axis of the shaft.

12. (Previously presented) The blade mounting arrangement of Claim 10 further comprising a plurality of fan blades directly attached to the motor housing and extending from the motor housing in the one semicircle of rotation, wherein the stabilizing structure stabilizes the rotating weight of the plurality of fan blades upon rotation of the first fan blade, the stabilizing structure, and the plurality of fan blades such that the center of rotational gravity of the first fan blade, the stabilizing structure, and the plurality of fan blades lies on the longitudinal axis of the shaft.

13. (Previously presented) The blade mounting arrangement of Claim 9 wherein the motor housing has an upper casing and a lower casing, and wherein the lower casing is free to rotate about the longitudinal axis relative to the upper casing.

14. (Previously presented) The blade mounting arrangement of Claim 11 wherein the stabilizing structure includes first and second stabilizing components extending from the motor housing, said first and second stabilizing components being spaced apart from each other, wherein the first and second stabilizing components stabilize the rotating weight of the first and second fan blades upon rotation of the first fan blade, the second fan blade, and the stabilizing structure such that the center of rotational gravity of the first fan blade, the second fan blade, and the stabilizing structure lies on the longitudinal axis of the shaft.

15. (Original) The blade mounting arrangement of Claim 13 wherein the upper casing has an air duct formed therein.

16. (Original) The blade mounting arrangement of Claim 13 wherein the lower casing has an air duct formed therein.

17. (Original) The blade mounting arrangement of Claim 15 further comprising at least one bore extending through the exterior surface of the upper casing for accommodating a light bulb socket in which resides a light bulb, wherein the light bulb is contained substantially within the housing and provides illumination upwardly through the bore.

18. (original) The blade mounting arrangement of Claim 16 further comprising at least one bore extending through the exterior surface of the upper casing for accommodating a light bulb socket in which resides a light bulb, wherein the light bulb is contained substantially within the housing and provides illumination upwardly through the bore.

19. (Previously presented) A fan assembly, comprising:

- a motor;
- a motor housing defining an interior space, said motor being positioned within said interior space; and
- a fan blade having a first end portion being positioned in direct contact with a portion of said motor housing;

wherein said motor is operable to rotate in a recirculating path of movement both (i) said portion of said motor housing, and (ii) said fan blade; and

wherein the blade further comprises an elongated arcuate body that tapers from one end to its other end.

20. (Previously presented) A fan assembly, comprising:

- a motor;
- a motor housing defining an interior space, said motor being positioned within said interior space; and
- a fan blade having a first end portion being positioned in direct contact with a portion of the housing;

wherein said motor is operable to rotate in a recirculating path of movement both (i) the portion of the motor housing, and (ii) said fan blade, and

wherein the fan blade has a cross-section that progressively tapers from a leading edge to a trailing edge.

21. (Previously presented) The fan assembly of claim 20 wherein the fan blade is configured as an elongated arcuate body that tapers from one end to its other end.

22. (Previously presented) A fan assembly, comprising:

a motor;

a motor housing having an upper casing and a lower casing, said motor housing defining an interior space, and said motor being positioned within said interior space; and

a fan blade having a first end portion that is positioned in direct contact with said lower casing of said motor housing;

wherein said motor is operable to rotate in unison (i) the lower casing of the motor housing, and (ii) the fan blade.

23. (Previously presented) The fan assembly of Claim 22 wherein the fan blade is configured as an elongated arcuate body that tapers from one end to its other end.

24. (Previously presented) The fan assembly of Claim 23 wherein the upper casing has an air duct formed therein.

25. (Previously presented) The fan assembly of Claim 23 wherein the lower casing has an air duct formed therein.

26. (Previously presented) The fan assembly of Claim 24 further comprising at least one bore extending through the an exterior surface of the upper casing for accommodating a light bulb socket in which resides a light bulb, wherein the light bulb is contained substantially within the housing and provides illumination upwardly through the bore.

27. (Previously presented) The fan assembly of Claim 25 further comprising at least one bore extending through an exterior surface of the upper casing for accommodating a light bulb socket in which resides a light bulb, wherein the light bulb is contained substantially within the housing and provides illumination upwardly through the bore.

28. (Previously presented) The fan assembly of Claim 27 wherein the upper casing has an air duct formed therein.

29. (Previously presented) A blade mounting arrangement for a ceiling fan having a downrod for supporting the fan from the ceiling, a motor, a shaft connected to the motor and defining a longitudinal axis, a motor housing in which the motor is positioned, and fan blades mounted for rotation to the fan at spaced positions circumscribing the shaft, wherein, upon rotation, the blades define a circle of rotation, and the fan achieves a center of rotational gravity that lies on the shaft's longitudinal axis as a result, the blade mounting arrangement comprising:

at least two fan blades each being directly attached to the motor housing and extending in one semicircle of rotation;

a stabilizing member extending from the fan in a second semicircle of rotation relative to the at least two fan blades;

wherein the stabilizing member stabilizes the rotating weight of the blades upon rotation of the fan such that the center of rotational gravity of the fan lies on the longitudinal axis of the shaft; and

wherein the at least two fan blades further comprise an elongated arcuate body that tapers from one end to the other.

30. (Original) The blade mounting arrangement of Claim 29 wherein each of the at least two fan blades has a cross-section that progressively tapers from a leading edge to a trailing edge.

31. (Previously presented) The blade mounting arrangement of Claim 29, wherein the housing has an upper casing and a lower casing, and wherein the lower casing is free to rotate about the longitudinal axis relative to the upper casing.

32. (Previously presented) The blade mounting arrangement of Claim 30 wherein each of the at least two blades is configured as an elongated arcuate body that tapers from one end to its other end.

33. (Previously presented) The blade mounting arrangement of Claim 31 wherein each of the at least two blades is configured as an elongated arcuate body that tapers from one end to its other end.

34. (Original) The blade mounting arrangement of Claim 33 wherein the upper casing has an air duct formed therein.

35. (Original) The blade mounting arrangement of Claim 33 wherein the lower casing has an air duct formed therein.

36. (Previously presented) The blade mounting arrangement of Claim 34 further comprising at least one bore extending through an exterior surface of the upper casing for accommodating a light bulb socket in which resides a light bulb, wherein the light bulb is contained substantially within the housing and provides illumination upwardly through the bore.

37. (Previously presented) The blade mounting arrangement of Claim 35 further comprising at least one bore extending through an exterior surface of the upper casing for accommodating a light bulb socket in which resides a light bulb, wherein the light bulb is contained substantially within the housing and provides illumination upwardly through the bore.

38. (Original) The blade mounting arrangement of claim 37 wherein the upper casing has an air duct formed therein.

39. (Previously presented) A blade mounting arrangement for a ceiling fan having a motor, a shaft rotatably connected to the motor and defining a longitudinal axis, a motor housing in which the motor is positioned, and fan blades mounted for rotation to the fan at spaced positions circumscribing the shaft, wherein, upon rotation, the blades define a circle of rotation, and the fan achieves a center of rotational gravity that lies on the shaft's longitudinal axis as a result, the blade mounting arrangement comprising:

at least two fan blades each being directly connected to the motor housing and extending in one semicircle of rotation;

a stabilizing member extending from the fan in a second semicircle of rotation relative to the at least two fan blades, wherein the stabilizing member stabilizes the rotating weight of the blades upon rotation of the fan such that the center of rotational gravity of the fan lies on the longitudinal axis of the shaft; and,

the at least two fan blades having a cross-section that progressively tapers from a leading edge to a trailing edge.

40. (Original) A blade mounting arrangement for a ceiling fan of the type that typically includes a downrod for supporting the fan from the ceiling, a motor, a shaft rotatably connected to the motor so that the motor can turn the shaft about the shaft's longitudinal axis, a motor housing supported by the shaft, and fan blades mounted for rotation to the fan at spaced positions circumscribing the shaft, wherein, upon rotation, the blades define a circle of rotation, and the fan achieves a center of rotational gravity that lies on the shaft's longitudinal axis as a result, the blade mounting arrangement comprising:

at least two fan blades asymmetrically connected for rotation to the fan and extending in one semicircle of rotation;

a stabilizing member extending from the fan in a second semicircle of rotation relative to the at least two fan blades, wherein the stabilizing member stabilizes the rotating weight of the blades upon rotation of the fan such that the center of rotational gravity of the fan lies on the longitudinal axis of the shaft; and,

a motor housing supported by the shaft, the housing having an upper casing and a lower casing, wherein the lower casing is free to rotate about the longitudinal axis relative to said upper casing.

41. (Original) A single bladed ceiling fan comprising:
a fan motor;
a shaft rotatably connected to the motor;
a motor housing substantially enclosing the motor;
a single fan blade extending from the housing; and
a non-blade stabilizer extending from the housing;
wherein the non-blade stabilizer stabilizes the rotating weight of the single fan blade upon actuation of the motor.

42. (Previously presented) The single bladed ceiling fan of claim 41,
wherein the non-blade stabilizer depends from the fan blade.

43. (Original) An asymmetrically bladed ceiling fan comprising:

- a fan motor;
- a shaft rotatably connected to the motor and defining a vertical axis;
- a motor housing substantially enclosing the motor;
- a first fan blade extending from the housing;
- a second fan blade extending from the housing;
- a first non-blade stabilizer extending from the housing for stabilizing the rotating weight of the fan blades upon actuation of the motor;

wherein the stabilizer is non-coincident with the first fan blade;

wherein the stabilizer is non-coincident with the second fan blade; and

wherein the first and second fan blades are asymmetrically positioned relative to the vertical axis.

44. (Previously presented) The asymmetrically bladed ceiling fan of claim 43 further comprising a second non-bladed stabilizer extending from the housing.

45. (Original) An asymmetrically bladed ceiling fan comprising:

a fan motor;

a shaft rotatably connected to the motor and defining a vertical axis;

a motor housing substantially enclosing the motor;

a first fan blade extending from the housing;

a second fan blade extending from the housing; and

a first non-blade stabilizer extending from the housing;

wherein the fan motor is spaced from the ceiling; and

wherein the first and second blades intersect nonlinearly.

46. (Original) The asymmetrically bladed ceiling fan of claim 45 wherein the stabilizer is non-coincident with the first fan blade and wherein the stabilizer is non-coincident with the second fan blade.

47. (Original) The asymmetrically bladed ceiling fan of claim 45 wherein the first non-blade stabilizer stabilizes the rotating weight of the fan blades upon actuation of the motor.